

**AMENDMENT TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS**

1 – 10 (Canceled)

11. (Currently amended) A method of locating an object comprising:  
rendering a target on the object, the target characterized by a fan shape;  
the target having a plurality of blades;  
at least one of the plurality of blades having a boundary contour representing a non-zero skew so as to not cause grid degeneracy and size self-similarity when searching for the target; and  
searching for the target so as to provide a pose of the object.

12. (Previously presented) The method according to claim 11 further comprising:

the skew of the at least one of the plurality of blades is different from a skew of at least one other blade in the plurality of blades.

13. (Previously presented) The method according to claim 11 further comprising:

the skew of the at least one of the plurality of blades being different from a skew of all the other blades in the plurality of blades.

14. (Previously presented) The method according to claim 11, wherein:

each of the plurality of blades having a skew different from the skew of all other blades in the plurality of blades.

15. (Currently amended) A method of locating an object comprising:

rendering a target on the object, the target characterized by a fan shape;  
the target having a plurality of blades;  
at least one of the plurality of blades having a boundary contour representing a non-zero spiral so as to not cause grid degeneracy and size self-similarity when searching for the target; and  
searching for the target so as to provide a pose of the object.

16. (Previously presented) The method according to claim 15 further comprising:

09/699,614  
Page 3 of 6

the spiral of the at least one of the plurality of blades being different from a spiral of at least one other blade in the plurality of blades.

17. (Previously presented) The method according to claim 15 further comprising:

the spiral of the at least one blade in the plurality of blades being different from the spiral of all other blades in the plurality of blades.

18. (Previously presented) The method according to claim 15, wherein:

each of the plurality of blades having a spiral different from the spiral of all other blades in the plurality of blades.

19. (Previously presented) The method of claim 11 further comprising at least one of the plurality of blades including a hole.

20. (Previously presented) The method of claim 15 further comprising at least one of the plurality of blades including a hole.